

CORRES. CONTROL
INCOMING LTR NO.

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DUE
DATE

ACTION



Department of Energy

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ROCKY FLATS FIELD OFFICE
P.O. BOX 928
GOLDEN, COLORADO 80402-0928

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EG&C
ROCKY FLATS PLANT
CORRESPONDENCE CONTROL

94-DOE-11240

Mr. Martin Hestmark
U. S. Environmental Protection Agency, Region VIII
ATTN: Rocky Flats Project Manager, 8HWM-RI
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Denver, Colorado 80202-2405

Mr. Joe Schieffelin, Unit Leader
Hazardous Waste Facilities
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80222-1530

Gentlemen:

We are submitting copies of the draft Operable Unit No. 2, Subsurface Interim Measures/Interim Remedial Action (IM/IRA), Site No. 1, Soil Vapor Extraction (SVE) Pilot Test Report, dated November 1994. Submittal of this document satisfies the November 11, 1994, Interagency Agreement (IAG) milestone requirement. Please provide your written comments by November 30, 1994.

As discussed with your staff on October 25, 1994, an independent senior technical review has recommended optimization of the existing SVE "post-pilot" and collection of additional trench characterization samples. We consider these recommendations the best technical approach for this project. The results of the optimization and sampling efforts will be the basis for a decision to: (1) remain in optimized "post-pilot" operations at test site one; (2) move to the next test site; and/or (3) conduct some other activity.

Placement of a tarp over the ground in a 20 foot radius of the SVE extraction wells should be placed by the end of the month and preliminary results will be available the first part of December 1994.

Preliminary results of characterization sampling at the trench at test site 1 indicate Light Non-Aqueous Phase Liquids (LNAPLs) as well as Dense Non-Aqueous Phase Liquids (DNAPLs), with a 75 nanoCurie per liter gross alpha/beta component. The sample location with the LNAPL/DNAPL was taken approximately five feet west of borehole 10191. Preliminary sample results are expected to be available by the first part of December 1994. The occurrence of the high radionuclide component to the LNAPL/DNAPL brings into question the proposed selection of six-phase soil heating as the technology for this location.

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ADMN RECORD/080 X 2
PATS/T130G

Reviewed for Addressee
Corres. Control RFP

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Ref Ltr. #

DOE ORDER # 5400-1

ADMIN RECORD
BZ-BZ-A-00249

M. Hestmark & J. Schieffelin
94-DOE-11240

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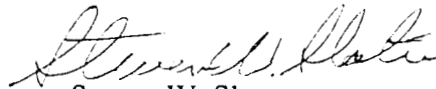
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There is an impact to the schedule for implementation of test site 2, particularly with the technical questions of six-phase heating being implemented in the site with the high concentrations of radionuclides. We wish to meet with you in the first part of December 1994, when we have the results of optimization and sampling, to discuss the best approach for the Interim Measures/Interim Remedial Action.

Until such time as we can meet and agree to the best course of action, we are notifying you that future IAG milestones are affected. Once we agree on the appropriate course of action, we will formally propose a milestone/schedule modification.

If you have any questions, please direct them to Scott Grace at 966-7199.

Sincerely,



Steven W. Slaten
IAG Project Coordinator
Environmental Restoration

cc:

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